IN THE SPECIFICATION:

Please replace the paragraph beginning at page 2, line 19, and insert the following rewritten paragraph:

On the other hand, in the above-described conventional contact probe, since a lot of minute electrical connections are provided to the vibrator and the detector, the size and configuration of ordinary connector which establishes electric connection through a plug and receptacle cannot be fitted to a minute stylus in order to prevent cross talk which is required in view of performance. Further, changing work of the electric connection each time the stylus is exchanged is in itself difficult, and causes great problems in view of workability and work speed.

